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E7.4-10443

CR-137426

REMOTE SENSING OF OCEAN CURRENT BOUNDARY LAYER
EREP PROJECT 108

March 1974
Contract Number T-4713-B

(E74-10443) REMOTE SENSING OF OCEAN
CURRENT BOUNDARY LAYER Monthly Report,
Mar. 1974 (National Oceanic and
Atmospheric Administration) 3 p HC \$4.00

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CSCL 08C G3/13

Principle Investigations Management Office
Lyndon B. Johnson Space Center

Z. H. Byrns, Technical Monitor

George A. Maul, Principle Investigator
National Oceanic & Atmospheric Administration
Atlantic Oceanographic & Meteorological Laboratories

MONTHLY REPORT



U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
ENVIRONMENTAL RESEARCH LABORATORIES
ATLANTIC OCEANOGRAPHIC AND METEOROLOGICAL LABORATORIES
15 RICKENBACKER CAUSEWAY, VIRGINIA KEY
MIAMI, FLORIDA 33149

Date: 26 April 1974

Reply to
Attn of: George A. Maul

Subject: Monthly Progress Report, T-4713-B

Refer to: RH-1000-38M 48.03

To: Distribution List

This is the ninth report on project EREP 108, and it covers the month of March 1974.

Additional aircraft data has been received and reviewed: the Gulf Loop Current has been detected in the infrared data by its temperature change and in the visible data by the bands of slicks marking the cyclonic edge; no color definition has been observed in these quick look analysis. Dr. Baig is spectrally analyzing the aircraft photographs for chlorophyll determination. No spacecraft data were received in the reporting interval. The PI traveled to Houston to participate in the debriefing of the SL-4 crew; LTJG Michael McCaslin of this office was also in attendance and will participate in the project at no cost to NASA for salary.

Recipients of the financial report are marked by an asterisk on the attached distribution list.

APPENDIX "A"

MONTHLY
CONTRACTOR FINANCIAL MANAGEMENT REPORT

Contract Number NAS 9- T-4713-B

Contractor: DOC/NOAA/AOML
15 Rickenbacker Causeway
Miami, Florida 33149

Total Estimated Cost: \$ 73,000

Task Description: Remote Sensing of Ocean Current Boundary Layer

Prepared By: George A. Maul, P.I. Date: 25 IV 74

	MOST RECENT Month	CUMULATIVE TO DATE	ESTIMATED TOTAL
HOURS			
Investigator	<u>40</u>	<u>360</u>	<u>1560</u>
Other	<u>40</u>	<u>360</u>	<u>2080</u>
Total	<u>80</u>	<u>720</u>	<u>3640</u>
COSTS			
Labor	<u>1617</u>	<u>14,553</u>	<u>35000</u>
Material	<u>0</u>	<u>0</u>	<u>1000</u>
Data Processing	<u>100</u>	<u>900</u>	<u>12000</u>
Travel	<u>0</u>	<u>250</u>	<u>2000</u>
Equipment Rental	<u>0</u>	<u>0</u>	<u>3000</u>
Equipment Purchase	<u>0</u>	<u>0</u>	<u>0</u>
All Other	<u>1300</u>	<u>11,700</u>	<u>20000</u>
Total	<u>3017</u>	<u>27,403</u>	<u>73000</u>